CHEMICAL EMERGENCY RESPONSE PLAN

EMERGENCY CONTACTS AND FACILITY DESCRIPTION

Emergency Contact: Colleen McKinney **Work Phone: (817) 847-3820**
Title: Chemical Engineer **Emergency Phone: (800) 405-5831**
Chemical Emergency Coordinator

Emergency Contact: Karl Bennett **Work Phone: (817) 847-3945**
Title: Senior Safety Specialist **Emergency Phone: (800) 314-7649**
Acting Chemical Emergency Coordinator

Facility Type: Currency Production

Operating Schedule: 24 hours per day, Monday – Friday

Average Daily Discharge of Waste Water: 150,000 GPD

BACKGROUND

Several governmental regulations require industry to prepare written plans which describe the management of chemicals and hazardous waste and the response in the event of a spill. These regulations are contained in federal, state and local laws. City of Fort Worth ordinance requires an Accidental Discharge Plan for preventing slug loads of pollutants into the sanitary sewers. This requirement is derived from EPA rules for the pretreatment of industrial waste (reference: 40 CFR 403.8 (f)(2)(v)).

The EPA hazardous waste regulations, RCRA, require generators to prepare a Contingency Plan to minimize the effects of accidental releases of hazardous waste to the environment (reference: 40 CFR 262.34 (4) and 265.52). This requirement is repeated in state rules.

In addition, OSHA requires industry to prepare an Emergency Response Plan which addresses employee safety and cleanup response in the event of a hazardous chemical spill (reference: 29 CFR 1900.38 (a) and 1910.120 (q)).

Since each of the required plans have common elements, the Western Currency Facility of the Bureau of Engraving and Printing has developed this comprehensive plan to satisfy them.

SCOPE AND PURPOSE

This plan describes the facility and the procedures to protect employees and the environment from harm in the event of a chemical or hazardous waste spill. This plan complies with the regulatory requirements of OSHA, EPA and the City of Fort Worth for emergency planning.

INDUSTRIAL PROCESSES AND CHEMICALS

The primary business of the Western Currency Facility of the Bureau of Engraving and Printing is the (1) printing of paper currency. In addition, (2) nickel plates used to print currency are manufactured, (3) PVC wiping rollers are resurfaced, (4) waste ink is reconstituted for reuse within the facility and virgin ink is manufactured. Each of these manufacturing processes are described below.

1. Currency Production

   Using 12 intaglio printing presses, approximately one million sheets of currency are printed per day. This currency is allowed to air dry and is then examined visually for defects. The final printing of the currency is then done in the Currency Overprinting and Packaging (COPE) area. No floor drains are present in any of these production areas.

   The intaglio presses are cleaned and waste ink is removed using solvent and a rinsing solution called "Water Wipe". It is composed of 98.5% soft water, 1.0% sodium hydroxide and 0.5% sulfated castor oil. This waste "water wipe" solution is collected in underground double walled sumps (with a leak detection system) and pumped to the waste pretreatment plant in another area of the plant.

   Cleaning in the COPE area is primarily done with solvent. In the COPE printing area, a solvent accumulation drum is used to collect excess solvent.

2. Platemaking.

   An electrolytic plating process is used to manufacture nickel printing plates for use on the intaglio presses. These plates are hard chromed to add strength. There are two nickel tanks and two chrome tanks in the plate making process. Soft water is used to rinse the plates when they are removed from a plating tank. This rinse water drains into a sump which is pumped over to waste treatment where it is treated in a coagulation/flocculation process to remove the heavy metals. If the contents of the plating tanks are to be replaced, the old chemical is pumped into waste accumulation drums and shipped as hazardous waste. There are no floor drains to the sanitary sewer in this area.

3. Plastirota.

   Polyvinyl chloride (PVC) wiper rollers are resurfaced in Rollermaking. There are no floor drains in this area. The PVC powder is mixed with a gel monomer catalyst to make the PVC paste that is applied to the roller surface. Cleaning in the roller making area is primarily done with solvent. A solvent accumulation drum is used to collect excess solvent.

4. Ink Reconstitution and Manufacturing.

Ink reconstitution and manufacturing began at the Western Currency Facility in 1997. Waste ink is collected from the intaglio presses and drummed. This waste product is moved to the ink mill area where it is reconstituted. The reconstituted ink is returned for use on the intaglio presses. One other ink product is currently in production in the ink mill; that is, an intaglio non-magnetic black ink. No floor drains to the sanitary sewer exist in this area. Equipment cleaning in the ink mill is done primarily with solvent. A solvent accumulation drum is used to collect excess solvent.

WASTE PRETREATMENT

The waste water wipe solution described in Number 1 above is pumped to the waste treatment area where it is treated in a coagulation/flocculation process to remove the ink solids. Coagulant is separated by centrifugation. The equalization tank, four treatment tanks and the calcium chloride storage tank are all surrounded by a 3-foot secondary containment wall. There are no drains to the sanitary sewer in this area. There is a drain to a double-walled underground spill containment tank with a leak detection system.

Sulfuric acid is used to neutralize the decant from the centrifuge. Ninety-three percent sulfuric acid is purchased and stored in a 6,000-gallon tank. The 93% sulfuric acid is diluted to 17% which is stored in a 4,000 gallon tank. The sulfuric acid tanks are surrounded by a 3-foot secondary containment wall. There is no drain to the sanitary sewer in this area. Sulfuric acid spills are neutralized in the area using sodium bicarbonate and cleaned up.

Solids removed during the centrifugation of the treated waste rinsing solution are classified as a Class I, industrial non-hazardous waste. These solids are collected in 55-gallon drums.

As discussed in Number 2 above, the rinse water from platemaking is treated in a separate treatment system to remove the metals from the waste stream. It is a coagulation/filtration batch process that uses a filter press to separate the coagulated solids. The water effluent from the system is bench tested for metal content before it is released to the sanitary sewer. The treatment system is surrounded by an 8-inch secondary containment berm. No floor drains to the sanitary sewer are in this area.

WASTE DISPOSAL

All process wastes are placed in compatible containers and properly labeled. All waste containers are staged in Area 12, adjacent to Dock doors 13 and 14 in preparation for shipment. There are no floor drains in this area. Spill cleanup and absorbent materials are available in this area should a spill occur. The Western Currency Facility follows applicable accumulation and disposal requirements and utilizes a reputable, registered waste disposal contractor for shipment and disposal of industrial non-hazardous and hazardous wastes.

HAZARDOUS MATERIALS OVERVIEW

I. HAZARDOUS MATERIALS

Hazardous materials present in the plant in container volumes greater than 55 gallons are summarized below. Hazardous materials in consumer quantity packing is not addressed because the packaging of these materials reduces the possibilities of contamination. However, hazard warnings on these packages should not be ignored or minimized because of their exclusion from this discussion.

A. Except for fuel oil the hazardous materials in Figure 3.1 are received by Shipping and Receiving personnel at Post 9 and stored in the specified locations. Fuel oil is received in a tank truck and unloaded directly into the fuel oil tanks.

B. The hazardous materials in Figure 3.2 are received by the Waste Treatment Contractor in tank trucks, off-loaded at the pump house and stored in the tanks provided in Waste Treatment.

C. Industrial Hazardous Waste. Hazardous waste accumulation drums are listed in Figure 3.3. When an accumulation drum is full, the area supervisor will notify the Environmental Technician. The Environmental Technician will inspect and label the drum and arrange to have it removed to the hazardous waste staging area in preparation for shipment. The Environmental Technician will also arrange for a new accumulation drum that is labeled. The plant's Chemical Engineer is responsible for ensuring that the Western Currency Facility is in compliance with all Federal, State, local and BEP regulations.

II. INVENTORY OF HAZARDOUS MATERIALS

The Safety and Occupational Health Office must maintain a complete inventory of the hazardous materials, by location, in the Western Currency Facility. This inventory provides immediate data on the materials stored and used in the areas, maximum quantity and health, flammability and reactivity hazards relative to the material. The Police Operations Command Center located in the hardened command center will maintain a duplicate copy of the inventory for Fire Department use.

Each work center will maintain a copy of the Material Safety Data Sheets (MSDS) for the material in use in the area.

III. PERSONNEL TRAINING

All personnel will receive Hazard Communication training through the Safety and Occupational Health Office. General Stores personnel who are the primary movers of hazardous materials will receive specialized training by the Plant's Chemical Engineer.

Figure 3.1

Hazardous Material - General

Material Description	Container Size	Location	Location Description	Hazard
Mineral Spirits	55 gal		Flammable Liquid Storage	Flammable
Naptha	350 gal tote		Flammable Liquid Storage	Flammable
Odorless Mineral Spirits	55 gal		Portable Storage Bldg	Flammable
Isomet Solvent	55 gal		Flammable Liquid Storage	Flammable
Fuel Oil - Tank	10,000 gal tank	Outside	Underground Storage Tank	Combustible
Fuel Oil - Tank	10,000 gal tank	Outside	Underground Storage Tank	Combustible
Plastirota Monomer		P-119	Warehouse	Reactive
Chromic Acid Flakes		P-175	Warehouse	Corrosive
Chromic Acid		P-120	Platemaking	Corrosive
Sodium Hydroxide (NaOH)		P-120	Platemaking	Corrosive
Sodium Hydroxide (NaOH)	55 gal	P-175	Warehouse	Corrosive

Figure 3.2

Hazardous Materials - Waste Treatment (Bulk)

Material Description	Container Size	Location	Location Description	Hazard
Sodium Hydroxide (NaOH)	10,000 gal tank	S-138	Waste Treatment	Corrosive
Sulfonated Castor Oil	6,000 gal tank	S-138	Waste Treatment	Combustible
Water Wipe, T4W	1,600 gal tank	S-138	Waste Treatment	Corrosive
Water Wipe, T5W	1,600 gal tank	S-138	Waste Treatment	Corrosive
Sulfuric Acid, 93% - Tank	6,000 gal tank	S-151	Waste Treatment	Corrosive
Sulfuric Acid, 17% - Tank	4,000 gal tank	S-151	Waste Treatment	Corrosive

Figure 3.3

Hazardous Waste Accumulation Drums

Waste Description	Container Size	Accumulation Points	Location	Hazard
Waste Solvent	55 gal drum	Ink Mill	M109	Flammable
		COPE	P101	Flammable
		Plastirota	P119	Flammable
Waste Oils	55 gal drum	EM Shop	P127	Combustible
Chromic Acid	55 gal drum	Platemaking	P120	Corrosive
Sodium Hydroxide	55 gal drum	Platemaking	P120	Corrosive
		EM Shop	S125	Corrosive

SPILL PREVENTION

The Western Currency Facility of the Bureau of Engraving and Printing avoids purchasing excessive volumes of chemicals. Chemical inventories are tracked by computer and are automatically ordered when inventories fall below specified quantities.

The currency production, platemaking, plastirota and ink mill areas have no floor drains to the sanitary sewer, therefore, contamination is impossible from spills. Absorbent material is available within each local production area to respond to spills.

In waste treatment, no floor drains to the sanitary sewer are present. The secondary containment area under the treatment tanks drains to a double-walled, underground spill containment tank with a leak detection system. The room in which the waste water wipe solution of 98.5% soft water, 1.0% sodium hydroxide and 0.5% sulfated castor oil is mixed has no drains to the sanitary sewer. Drains to the double-walled, underground spill containment tank mentioned above are present.

Bulk deliveries of liquid chemicals to waste treatment are received at the pump house just outside the waste treatment area. Absorbent material is available in the pump house to keep spills from the off-loading operation of these tanker trucks from contaminating the storm sewer.

Spills are prevented in handling by proper training and licensing of forklift drivers. Chemicals are purchased in quantities smaller than 55 gallons, which limits the potential for a large spill.

SPILL RESPONSE

The spill or release of chemicals or hazardous waste is considered an emergency situation. The response to such an incident may have these elements:

I. Awareness and Identification
II. Evacuation
III. Notification
IV. Spill Cleanup

Personnel from the affected work area can execute the elements listed above for all minor spills. A minor spill is one which is contained on-site and does not involve contamination of air, soil, drainage, or groundwater off-site and is a spill which can be cleaned up by employees wearing simple personal protection, i.e., gloves, aprons, boots and face shields.

A major spill is a chemical release which contaminates or has the potential to contaminate air, soil, or water outside the Western Currency Facility property. It must also be a spill which involves dangerous fumes or toxic conditions and requires the use of special protective gear, such as respirators or self-contained breathing apparatus. Any major spill will require a response from outside agencies or specialized contractors.

Each of these elements are discussed in this plan.

I. AWARENESS AND IDENTIFICATION

Employees will initiate the response upon awareness of an emergency situation. A spill can be as easy to identify as the sudden, unplanned release of liquid chemicals from a tank rupture, or the presence of smoke or fumes. A spill may be subtle such as a wet area around the base of a drum. Upon awareness, an employee will follow these procedures:

A. Employee's Responsibility.

1. Warn other workers to stay clear of the spilled material.
2. Immediately report the spill to the supervisor of the area in which the spill has occurred.
3. If there is no supervisor present or if the incident occurs in a public area, the employee will assume the supervisor's responsibilities.

B. Supervisor's Responsibility (IF THE SUPERVISOR IS NOT PRESENT, THE EMPLOYEE ASSUMES THIS RESPONSIBILITY).

1. Will immediately assess the spill and decide if the spill is an emergency situation. Not all spills will be considered an emergency.

   A **minor spill** is contained on-site and does not involve contamination of air, soil, drainage or groundwater off-site, and is a spill which can be cleaned up by employees wearing simple personal protection, i.e., gloves, aprons, boots and face shields.

   A **major spill** is a chemical release which contaminates or has the potential to contaminate air, soil, or water outside the facility property. It must also be a spill which involves dangerous fumes, toxic conditions and requires the use of special protective gear, such as, respirators or self-contained breathing apparatus. Any **major spill** will require a response from outside agencies or specialized contractors.

2. If an emergency situation exists, the supervisor will;
   a. Immediately evacuate the area to the designated fire evacuation muster point.
   b. Notify the Police Operations Command Center.
   c. The supervisor immediately goes to the muster point to account for all the employees evacuated from the area.

C. Police Operations Command Center

1. Immediately notify the First Response Team by radio/telephone.

2. If directed by the First Response Team, the Police will call 911 for emergency assistance.
3. Secure the perimeter established by the First Response Team.
4. Escort outside emergency response personnel.

D. First Response Team (FRT)

The First Response Team will direct the response. The First Response Team consists of the Power Plant Stationary Engineers assisted by any contract Safety Specialists currently on site. Upon notification from the Command Center, the responsibilities of the First Response Team are:

1. Immediately assess the emergency situation.
2. Establish a perimeter and, if possible, prevent the spill from contaminating other areas. Notify the Police Command Center of location of the perimeter.
3. If outside emergency assistance is needed the First Response Team will radio or telephone the Police Operations Command Center who will call 911.
4. Identify the character, source and amount of any released materials either by observation or review of facility records or manifests.
5. Notify the Chemical Emergency Coordinator of the emergency.

E. Chemical Emergency Coordinator (CEC)

1. Obtain a description of the emergency from the First Response Team.
2. Assess possible hazards to human health or the environment that may result from the release, fire, or explosion. This assessment must consider both direct and indirect effects of the release, fire, or explosion.
3. If the CEC determines that the facility has had a release, fire, or explosion which could threaten human health, or the environment outside the facility, he/she must report the findings as follows:

a. Immediately notify the National Response Center using the 24-hour toll free number (800) 424-8802. The report must include:

(1) Name and telephone number of reporter;

(2) Name and address of facility;

(3) Time and type of incident (e.g., release, fire);

(4) Name and quantity of material involved, to the extent known;

(5) The extent of injuries, if any and

(6) The possible hazards to human health or the environment outside the facility.

b. Ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility. These measures must include, where applicable, stopping processes and operations, collecting and containing released material and removing or isolating containers.

c. If the facility stops operations in response to a fire, explosion or release, the CEC must monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

II. EVACUATION

The procedures for evacuation presented in Appendix A will be followed in all emergency situations.

III. NOTIFICATION

The Chemical Emergency Coordinator will notify all environmental agencies as required by local, state and federal regulations.

A. SANITARY SEWER SPILLS:

City of Fort Worth Water Department The City of Fort Worth will be notified immediately by the Chemical Emergency Coordinator of any accidental or slug discharge into the sanitary sewer system. A slug discharge is "any discharge of water, sewage, or industrial waste other than toxic material which in concentration of any given constituent or if quantity or flow exceeds for any period of duration longer than fifteen(15) minutes or more than five times the average twenty-four (24) hour concentration or flow during normal operations." The phone numbers for notification are:

- **Pretreatment Services Division**
  920 Fournier Street
  Fort Worth, TX 76102-3456

  Phone: 817-871-8305

- **Field Operations**
  Phone: 817-871-8300

B. SPILLS ONTO SOILS OR DRAINAGE:

State rules require the prompt notification of spills. If there is a spill of chemicals or of industrial waste water of any volume onto the soil or into a drainage that migrates off-site, then the Texas Natural Resources Conservation Commission (TNRCC) must be notified. The notification must be made immediately or no later than twenty-four (24) hours after the spill. The phone contact numbers for the TNRCC local office and the twenty-four (24) hour Emergency Response Center in Austin are:

TNRCC Region 4 Office
1101 East Arkansas Lane
Arlington, TX 76020-6499

TNRCC – Austin
Pollution Clean Division
Messenger Building D
P.O. Box 13087
Austin, TX 78711

Phone: 512-463-7727 (24-hour hotline)

If the "reportable quantity" for the spilled material is exceeded, then the EPA (as well as emergency management agencies) must be notified. Hazardous substances and reportable quantities are listed in 40 CFR 302.4. If the off-site spill exceeds these amounts, then immediately call:

Local Emergency Planning Commission for Tarrant County
1000 Throckmorton Street
Fort Worth, TX 76102-4733
817-871-6088 (working hours)

National Response Center, U.S. Coast Guard
800-424-8802

Within five (5) days of a reportable accident release, a written report must be submitted to the appropriate agency for review to prevent recurrence. The report will explain the causes of the spill and corrective actions to prevent further problems.

IV. SPILL CONTAINMENT AND CLEANUP

Spills of hazardous material in all areas without floor drains to underground emergency spill containment tanks will be contained and cleaned up with absorbents. Absorbents are available in all production areas. Large spills are unlikely because chemicals are maintained in their original factory containers or smaller compatible containers.

In the waste treatment area, an underground spill containment tank located just outside the south door of the plant can receive spilled material from the secondary containment area around the treatment tanks and from the water wipe makeup area. The contents of the spill containment tank can be pumped back into the equalization tank for treatment.

A. Waste rinsing solution: If a spill occurs in the secondary containment area under the treatment tanks in waste treatment, the spill will drain to an underground spill containment tank..

B. Water Wipe Makeup: Spills of 50% sodium hydroxide, 35% sulfonated castor oil or mixed water wipe solution will drain to the underground spill containment tank.

A spill in the sulfuric acid secondary containment area is neutralized with sodium bicarbonate. The neutralized solution is pumped into the spill containment tank.

Bulk chemicals for use in waste treatment are delivered to the pump house located at the southeast corner of waste treatment. Absorbents are kept in the pump house to contain any spills at the pump house.

C. The First Response Team will:

1. Direct cleanup of minor spills. If the spill requires an outside Decontamination/ Clean Up contractor, the team will stand by to assist the contractor.
2. Prepare a written report describing what occurred and what actions were taken.

D. The Chemical Emergency Coordinator

1. After an emergency, the emergency coordinator must provide for packaging and removal of collected waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility.
2. Ensures that no waste that may be incompatible with the released material is present until cleanup procedures are completed.
3. All emergency equipment is cleaned and available for use.

EMPLOYEE TRAINING

All Western Currency Facility employees receive Hazard Communications training through the Safety Department during the new employee training program and as a part of an ongoing Safety Training program.

Shipping/Receiving and General Stores material handling personnel receive additional training in the transportation of hazardous materials (DOT) and hazardous materials operations (HAZWOPER).

PLAN POSTING, REVIEW AND UPDATE

Copies of applicable procedures contained within this plan will be posted in the shop area for reference in the event of a spill or release.

A file copy will be maintained in the Safety and Environmental offices and Police Command Center. It is reviewed annually for updating in cases, such as, process changes, addition of new chemical materials, and employee turnover.

In the event of a plan update, a current copy will be forwarded to the City of Fort Worth Industrial Waste Section. This current plan is implemented as of May 1, 1998.

RESPONSIBILITIES OF PERSONNEL

I. The Plant Manager is responsible for ensuring that facilities are maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste to air, soil, or surface water which could threaten human health or the environment.

II. Safety and Occupational Health Specialist.

- A. Ensures that the basic provisions of this manual are disseminated to all persons employed in the facility.
- B. Ensures that appropriate personnel are trained to provide technical guidance for safely dealing with chemical emergencies.
- C. Develops or provides an Emergency Spill Control Guide for dissemination to Chemical Emergency Response Team (CERT) members.
- D. Maintains liaison with state and local emergency response teams to plan for emergency services in the event of a chemical disaster.

E. When directed by the First Response Team, reports the emergency to the Plant Manager, including the potential extent of injuries and hazards to human health or the environment outside the facility.

F. Assists the Chemical Emergency Coordinator (CEC) with the technical supervision of incidents involving releases of flammable hazardous materials.

G. Serves as the assistant CEC, providing technical expertise in situations where chemical releases may have possible hazards to human health.

H. Tests for airborne concentrations of the chemical contaminant.

I. Recommends the appropriate personal protective equipment required for use by personnel during emergency response operations.

J. Provides chemical toxicity information to the Clinic when first-aid or emergency treatment of personnel is required.

K. Ensures that any personnel exposures to hazardous substances in excess of federal limits are documented.

III. Chemical Emergency Response Team (CERT).

The CERT is comprised of the Chemical Emergency Coordinator, the First Response Team, the Chief Stationary Engineer, the Utilities Control Team and Contract Safety Specialists.

A. Chemical Emergency Coordinator (CEC). A CEC will be appointed in writing and made known to all holders of this manual. The CEC will be available or on call 24 hours per day. The responsibilities of the CEC are:

1. Reports to the site to assume technical supervision of the control and cleanup of the spill or release of hazardous materials and to contact other members of the Chemical Emergency Response Team as required.
2. Monitors and is familiar with all aspects of the Emergency Contingency Manual, all operations and activities of the facility, the facility layout and the location and characteristics of all hazardous chemicals handled.
3. Maintains all records required by this manual.
4. During an actual emergency, the CEC should take all reasonable measures necessary to ensure that chemical releases do not spread or recur in other areas of the facility.
5. Immediately following the emergency, the CEC will provide for the treatment, storage and disposal of any recovered materials, including contaminated soil or surface water, and other waste materials generated from a fire, explosion or chemical release.
6. Ensures that all equipment utilized during a chemical emergency is cleaned and restored to its original condition prior to the resumption of normal activities. This will include replenishing any supplies that may have been used from the emergency "Spill Karts".

7. If any or all parts of this plan fail, the CEC should evaluate why the plan was ineffective, and provide a corrective written addendum to be a permanent part of the Emergency Contingency Manual.

B. First Response Team (FRT). The First Response Team is comprised of the Power Plant Stationary Engineers assisted by any Contract Safety Specialists currently on site. The duties of the First Response Team are:

1. After notification by the Command Center of a reported spill, obtain necessary personal protective equipment and report to spill location. Assess the size of the spill, determine if outside help needs to be called in and notify Command Center of perimeter to be established.
2. Contain the spill, if at all possible, to prevent further spread of material into other parts of the facility.
3. Have the Contract Safety Specialist contact the CEC and give an assessment of the situation.
4. If possible, begin cleanup operations. If the spill is of a large quantity requiring an outside Decontamination/Clean Up Contractor, stand by to assist the Contractor, if needed.
5. Provide the CEC with a written, after-the-fact report describing what happened and what actions were taken.

C. Chief Stationary Engineer. The BEP's Chief Stationary Engineer is responsible for controlling building utilities during an emergency. Production equipment, such as presses, examining machines and COPEs, shall be controlled by the respective operators. The Chief Stationary Engineer serves as head of the Utilities Control Team and performs the following duties:

1. Establishes a plan to monitor mechnical devices, such as ventilation systems, water, gas and steam valves, power switches, etc., during emergencies.
2. Dispatches individuals or teams to prearranged control points for preplanned or directed action.

D. Utilities Control Team (UCT). The on-site building Operations and Maintenance Contractor personnel shall comprise the UCT. Under the direction of the BEP's Chief Stationary Engineer, the UCT will be responsible for controlling utilities during an emergency. The team shall report to pre-designated locations.

E. Contract Safety Specialist: The Contract Safety Specialist shall respond to the notification from the Command Center to the First Response Team that there is a spill. The Contract Safety Specialist shall:

1. Assist the FRT in assessing and confining the spill. As soon as practical, notifies the CEC of the situation and relays any instructions from the CEC to the FRT.
2. Ensure that the FRT and/or Decontamination/Clean Up Contractor is equipped with the proper personal protective clothing, supplies and equipment necessary to contain and clean up the spill or other waste materials prior to the resumption of normal operations.

F. Medical Clinic Staff (MCS). The Medical Clinic Staff is responsible for training and equipping all personnel assigned to perform medical or first-aid services in an emergency, and for supervising emergency first-aid or medical self-help emergency operations within the building during an emergency. MCS duties include:

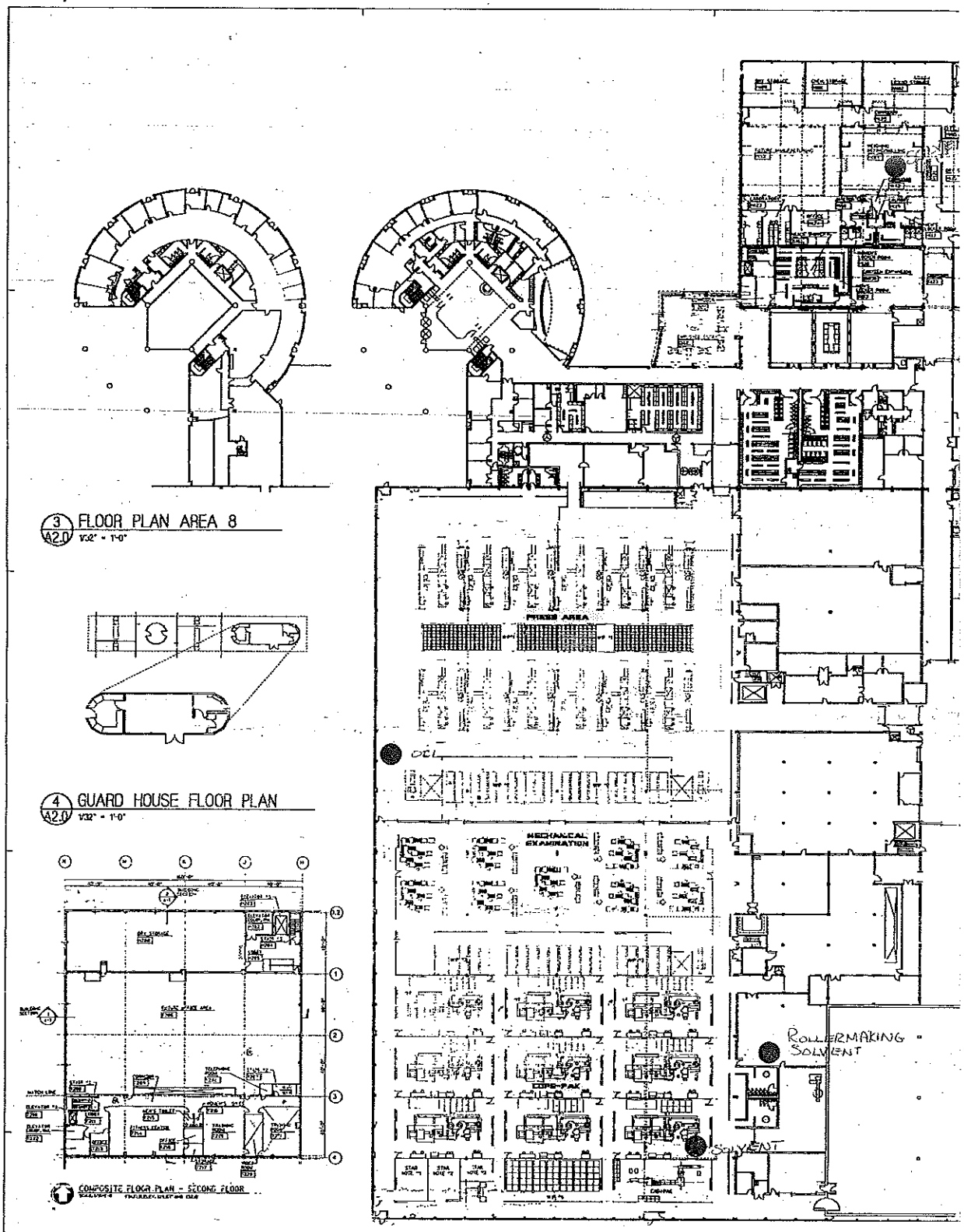
1. Selects a first-aid or medical treatment staging area during an emergency that involves a number of injuries.
2. Directs first-aid operations and controls access to medical supplies, as required, to assure their proper use, conservation, and availability for emergency use.
3. Ensures personal protective equipment is provided for Clinic Staff.
4. Maintains liaison with Forth Worth area hospital emergency rooms and ambulance/flight transportation to coordinate emergency services as required.

G. Facilities Police. Police personnel are responsible for maintaining security during clean-up operations. Their duties include:

1. Notify the First Response Team when a chemical emergency is reported.
2. Control the perimeter established by the First Response Team.
3. If requested by the First Response Team, call 911 to report the emergency.
4. Notify roster officials to be contacted in the event of an emergency of the nature and location.
5. Assign police officers to exterior exits to perform the necessary security checks required in the event of evacuation.
6. In the event a total building evacuation becomes necessary, they shall man the Secondary Command Center, located in the Main Gate Office.

TECHNICAL MEETING
BUREAU OF ENGRAVING AND PRINTING
FORT WORTH, TEXAS
EPA ID# TX1200939626
MAY 10, 1999

NAME & TITLE	ORGANIZATION	PHONE/FAX #
BOB HOBBS FACILITY MANAGER	BUREAU OF E/P	Fax 847-3651 847-3936
COLLEEN McKINNEY CHEM. ENGR	BEP	847-3820
CHARLENE WILLIAMS PLANT MANAGER	BEP	(817)-847-3802 (817)-847-3703
Mike Battle Attorney	BEP	(817) 847-3773 (817) 847-3745
Amie Dutta Richardson	US EPA ORC	(214) 665-2713
Bill Colbert by phone		
Agatha Benjamin	U.S EPA	(214) 665-7292



3 A2.0 FLOOR PLAN AREA 8
1/32" = 1'-0"

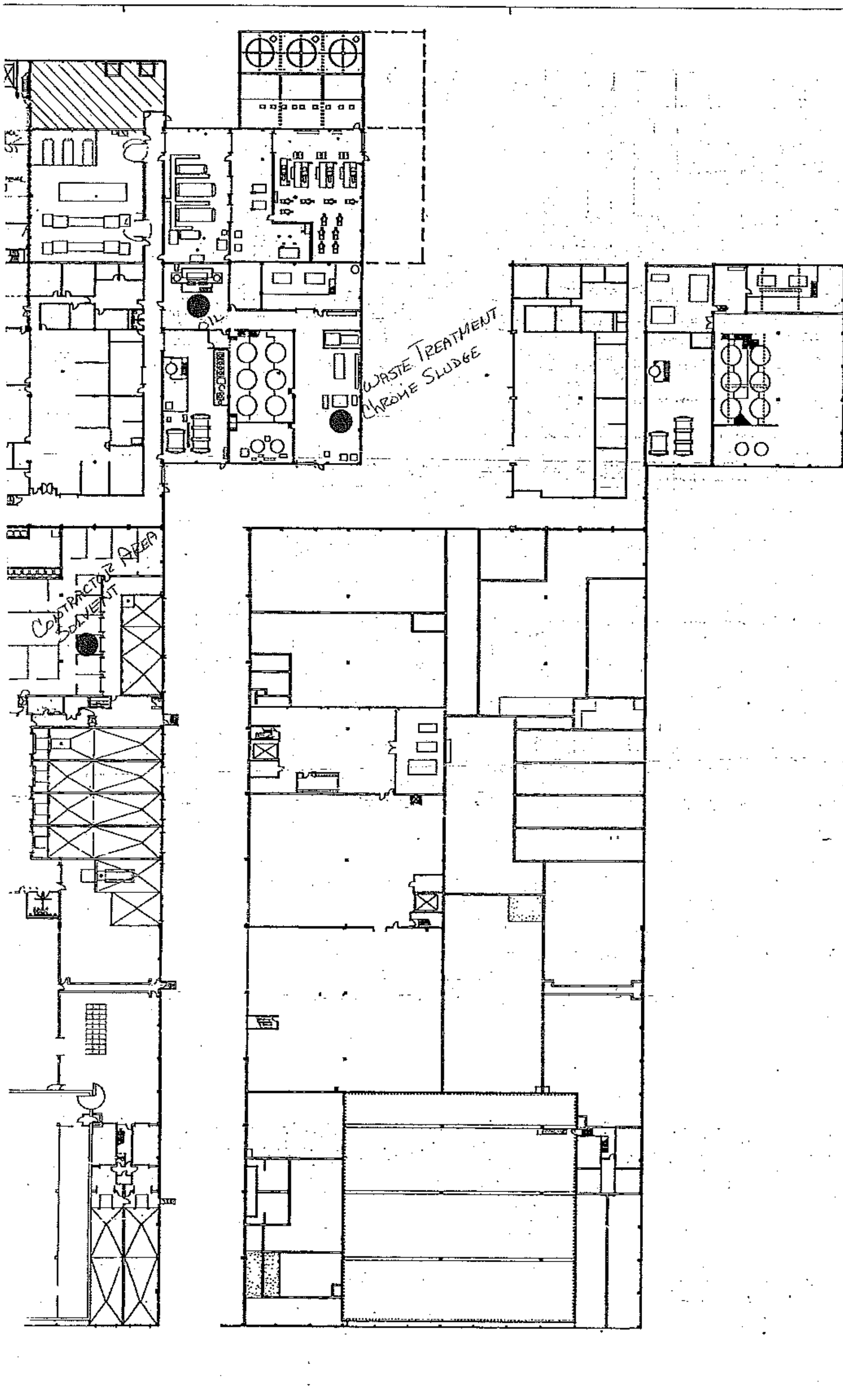
4 A2.0 GUARD HOUSE FLOOR PLAN
1/32" = 1'-0"

COMPOSITE FLOOR PLAN - SECOND FLOOR

1 A2.0 COMPOSITE FLOOR PLAN
1/32" = 1'-0"

— Satellite Accum

— 90 Storage Are



ulation Drums

a

2 A2.0 MEZZANINE FLOOR PLAN
1/32" = 1'-0"

KVG Kirk Voich Gist Inc.
Architecture
Engineering
Interior Architecture
1500 Ballinger Fort Worth, Texas 76102

Enertech

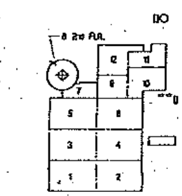
CARTER & BURGESS, INC.
ENGINEERS • PLANNERS
1100 Macon St. Fort Worth, Texas 76102

EG&G SPECIAL PROJECTS

Project Name

WESTERN CURRENCY FACILITY
FOR THE
BUREAU OF ENGRAVING AND PRINTING
AND
DEPARTMENT OF THE TREASURY
WASHINGTON D.C.

Key Plan



Consultants

Seal/Signature

Revisions

Sheet Title

COMPOSITE FLOOR PLAN

Project Number 4780.10	Drawn By: MEC
Date 8-22-90	Checked By: GEE

Solicitation No.

Sheet Number

A2.0

DEPARTMENT OF THE TREASURY
BUREAU OF ENGRAVING AND PRINTING
FORT WORTH, TEXAS 76131

May 11, 1998

Mrs. Margaret Ford
Fort Worth Water Department
Industrial Waste Section
920 Fournier Street
Fort Worth, Texas 76102-3456

Dear Mrs. Ford,

The Chemical Emergency Response Plan you requested during your inspection of the facility this spring is attached.

If you have any questions concerning this plan please give me a call at (817) 847-3820.

Sincerely,

Colleen McKinney

Colleen McKinney
Chemical Engineer
Facilities Contract Management Branch

CHEMICAL EMERGENCY RESPONSE PLAN

EMERGENCY CONTACTS AND FACILITY DESCRIPTION

Emergency Contact: Colleen McKinney **Work Phone:** (817) 847-3820
Title: Chemical Engineer **Emergency Phone:** (800) 405-5831
Chemical Emergency Coordinator

Emergency Contact: Karl Bennett **Work Phone:** (817) 847-3945
Title: Senior Safety Specialist **Emergency Phone:** (800) 314-7649
Acting Chemical Emergency Coordinator

Facility Type: Currency Production

Operating Schedule: 24 hours per day, Monday – Friday

Average Daily Discharge of Waste Water: 150,000 GPD

BACKGROUND

Several governmental regulations require industry to prepare written plans which describe the management of chemicals and hazardous waste and the response in the event of a spill. These regulations are contained in federal, state and local laws. City of Fort Worth ordinance requires an Accidental Discharge Plan for preventing slug loads of pollutants into the sanitary sewers. This requirement is derived from EPA rules for the pretreatment of industrial waste (reference: 40 CFR 403.8 (f)(2)(v)).

The EPA hazardous waste regulations, RCRA, require generators to prepare a Contingency Plan to minimize the effects of accidental releases of hazardous waste to the environment (reference: 40 CFR 262.34 (4) and 265.52). This requirement is repeated in state rules.

In addition, OSHA requires industry to prepare an Emergency Response Plan which addresses employee safety and cleanup response in the event of a hazardous chemical spill (reference: 29 CFR 1900.38 (a) and 1910.120 (q)).

Since each of the required plans have common elements, the Western Currency Facility of the Bureau of Engraving and Printing has developed this comprehensive plan to satisfy them.

SCOPE AND PURPOSE

This plan describes the facility and the procedures to protect employees and the environment from harm in the event of a chemical or hazardous waste spill. This plan complies with the regulatory requirements of OSHA, EPA and the City of Fort Worth for emergency planning.

INDUSTRIAL PROCESSES AND CHEMICALS

The primary business of the Western Currency Facility of the Bureau of Engraving and Printing is the (1) printing of paper currency. In addition, (2) nickel plates used to print currency are manufactured, (3) PVC wiping rollers are resurfaced, (4) waste ink is reconstituted for reuse within the facility and virgin ink is manufactured. Each of these manufacturing processes are described below.

1. Currency Production

   Using 12 intaglio printing presses, approximately one million sheets of currency are printed per day. This currency is allowed to air dry and is then examined visually for defects. The final printing of the currency is then done in the Currency Overprinting and Packaging (COPE) area. No floor drains are present in any of these production areas.

   The intaglio presses are cleaned and waste ink is removed using solvent and a rinsing solution called "Water Wipe". It is composed of 98.5% soft water, 1.0% sodium hydroxide and 0.5% sulfated castor oil. This waste "water wipe" solution is collected in underground double walled sumps (with a leak detection system) and pumped to the waste pretreatment plant in another area of the plant.

   Cleaning in the COPE area is primarily done with solvent. In the COPE printing area, a solvent accumulation drum is used to collect excess solvent.

2. Platemaking.

   An electrolytic plating process is used to manufacture nickel printing plates for use on the intaglio presses. These plates are hard chromed to add strength. There are two nickel tanks and two chrome tanks in the plate making process. Soft water is used to rinse the plates when they are removed from a plating tank. This rinse water drains into a sump which is pumped over to waste treatment where it is treated in a coagulation/flocculation process to remove the heavy metals. If the contents of the plating tanks are to be replaced, the old chemical is pumped into waste accumulation drums and shipped as hazardous waste. There are no floor drains to the sanitary sewer in this area.

3. Plastirota.

   Polyvinyl chloride (PVC) wiper rollers are resurfaced in Rollermaking. There are no floor drains in this area. The PVC powder is mixed with a gel monomer catalyst to make the PVC paste that is applied to the roller surface. Cleaning in the roller making area is primarily done with solvent. A solvent accumulation drum is used to collect excess solvent.

4. Ink Reconstitution and Manufacturing.
   Ink reconstitution and manufacturing began at the Western Currency Facility in 1997. Waste ink is collected from the intaglio presses and drummed. This waste product is moved to the ink mill area where it is reconstituted. The reconstituted ink is returned for use on the intaglio presses. One other ink product is currently in production in the ink mill; that is, an intaglio non-magnetic black ink. No floor drains to the sanitary sewer exist in this area. Equipment cleaning in the ink mill is done primarily with solvent. A solvent accumulation drum is used to collect excess solvent.

WASTE PRETREATMENT

The waste water wipe solution described in Number 1 above is pumped to the waste treatment area where it is treated in a coagulation/flocculation process to remove the ink solids. Coagulant is separated by centrifugation. The equalization tank, four treatment tanks and the calcium chloride storage tank are all surrounded by a 3-foot secondary containment wall. There are no drains to the sanitary sewer in this area. There is a drain to a double-walled underground spill containment tank with a leak detection system.

Sulfuric acid is used to neutralize the decant from the centrifuge. Ninety-three percent sulfuric acid is purchased and stored in a 6,000-gallon tank. The 93% sulfuric acid is diluted to 17% which is stored in a 4,000 gallon tank. The sulfuric acid tanks are surrounded by a 3-foot secondary containment wall. There is no drain to the sanitary sewer in this area. Sulfuric acid spills are neutralized in the area using sodium bicarbonate and cleaned up.

Solids removed during the centrifugation of the treated waste rinsing solution are classified as a Class I, industrial non-hazardous waste. These solids are collected in 55-gallon drums.

As discussed in Number 2 above, the rinse water from platemaking is treated in a separate treatment system to remove the metals from the waste stream. It is a coagulation/filtration batch process that uses a filter press to separate the coagulated solids. The water effluent from the system is bench tested for metal content before it is released to the sanitary sewer. The treatment system is surrounded by an 8-inch secondary containment berm. No floor drains to the sanitary sewer are in this area.

WASTE DISPOSAL

All process wastes are placed in compatible containers and properly labeled. All waste containers are staged in Area 12, adjacent to Dock doors 13 and 14 in preparation for shipment. There are no floor drains in this area. Spill cleanup and absorbent materials are available in this area should a spill occur. The Western Currency Facility follows applicable accumulation and disposal requirements and utilizes a reputable, registered waste disposal contractor for shipment and disposal of industrial non-hazardous and hazardous wastes.

HAZARDOUS MATERIALS OVERVIEW

I. HAZARDOUS MATERIALS

Hazardous materials present in the plant in container volumes greater than 55 gallons are summarized below. Hazardous materials in consumer quantity packing is not addressed because the packaging of these materials reduces the possibilities of contamination. However, hazard warnings on these packages should not be ignored or minimized because of their exclusion from this discussion.

A. Except for fuel oil the hazardous materials in Figure 3.1 are received by Shipping and Receiving personnel at Post 9 and stored in the specified locations. Fuel oil is received in a tank truck and unloaded directly into the fuel oil tanks.

B. The hazardous materials in Figure 3.2 are received by the Waste Treatment Contractor in tank trucks, off-loaded at the pump house and stored in the tanks provided in Waste Treatment.

C. Industrial Hazardous Waste. Hazardous waste accumulation drums are listed in Figure 3.3. When an accumulation drum is full, the area supervisor will notify the Environmental Technician. The Environmental Technician will inspect and label the drum and arrange to have it removed to the hazardous waste staging area in preparation for shipment. The Environmental Technician will also arrange for a new accumulation drum that is labeled. The plant's Chemical Engineer is responsible for ensuring that the Western Currency Facility is in compliance with all Federal, State, local and BEP regulations.

II. INVENTORY OF HAZARDOUS MATERIALS

The Safety and Occupational Health Office must maintain a complete inventory of the hazardous materials, by location, in the Western Currency Facility. This inventory provides immediate data on the materials stored and used in the areas, maximum quantity and health, flammability and reactivity hazards relative to the material. The Police Operations Command Center located in the hardened command center will maintain a duplicate copy of the inventory for Fire Department use.

Each work center will maintain a copy of the Material Safety Data Sheets (MSDS) for the material in use in the area.

III. PERSONNEL TRAINING

All personnel will receive Hazard Communication training through the Safety and Occupational Health Office. General Stores personnel who are the primary movers of hazardous materials will receive specialized training by the Plant's Chemical Engineer.

Figure 3.1

Hazardous Material - General

Material Description	Container Size	Location	Location Description	Hazard
Mineral Spirits	55 gal		Flammable Liquid Storage	Flammable
Naptha	350 gal tote		Flammable Liquid Storage	Flammable
Odorless Mineral Spirits	55 gal		Portable Storage Bldg	Flammable
Isomet Solvent	55 gal		Flammable Liquid Storage	Flammable
Fuel Oil - Tank	10,000 gal tank	Outside	Underground Storage Tank	Combustible
Fuel Oil - Tank	10,000 gal tank	Outside	Underground Storage Tank	Combustible
Plastirota Monomer		P-119	Warehouse	Reactive
Chromic Acid Flakes		P-175	Warehouse	Corrosive
Chromic Acid		P-120	Platemaking	Corrosive
Sodium Hydroxide (NaOH)		P-120	Platemaking	Corrosive
Sodium Hydroxide (NaOH)	55 gal	P-175	Warehouse	Corrosive

Figure 3.2

Hazardous Materials - Waste Treatment (Bulk)

Material Description	Container Size	Location	Location Description	Hazard
Sodium Hydroxide (NaOH)	10,000 gal tank	S-138	Waste Treatment	Corrosive
Sulfonated Castor Oil	6,000 gal tank	S-138	Waste Treatment	Combustible
Water Wipe, T4W	1,600 gal tank	S-138	Waste Treatment	Corrosive
Water Wipe, T5W	1,600 gal tank	S-138	Waste Treatment	Corrosive
Sulfuric Acid, 93% - Tank	6,000 gal tank	S-151	Waste Treatment	Corrosive
Sulfuric Acid, 17% - Tank	4,000 gal tank	S-151	Waste Treatment	Corrosive

Figure 3.3

Hazardous Waste Accumulation Drums

Waste Description	Container Size	Accumulation Points	Location	Hazard
Waste Solvent	55 gal drum	Ink Mill	M109	Flammable
		COPE	P101	Flammable
		Plastirota	P119	Flammable
Waste Oils	55 gal drum	EM Shop	P127	Combustible
Chromic Acid	55 gal drum	Platemaking	P120	Corrosive
Sodium Hydroxide	55 gal drum	Platemaking	P120	Corrosive
		EM Shop	S125	Corrosive

SPILL PREVENTION

The Western Currency Facility of the Bureau of Engraving and Printing avoids purchasing excessive volumes of chemicals. Chemical inventories are tracked by computer and are automatically ordered when inventories fall below specified quantities.

The currency production, platemaking, plastirota and ink mill areas have no floor drains to the sanitary sewer, therefore, contamination is impossible from spills. Absorbent material is available within each local production area to respond to spills.

In waste treatment, no floor drains to the sanitary sewer are present. The secondary containment area under the treatment tanks drains to a double-walled, underground spill containment tank with a leak detection system. The room in which the waste water wipe solution of 98.5% soft water, 1.0% sodium hydroxide and 0.5% sulfated castor oil is mixed has no drains to the sanitary sewer. Drains to the double-walled, underground spill containment tank mentioned above are present.

Bulk deliveries of liquid chemicals to waste treatment are received at the pump house just outside the waste treatment area. Absorbent material is available in the pump house to keep spills from the off-loading operation of these tanker trucks from contaminating the storm sewer.

Spills are prevented in handling by proper training and licensing of forklift drivers. Chemicals are purchased in quantities smaller than 55 gallons, which limits the potential for a large spill.

SPILL RESPONSE

The spill or release of chemicals or hazardous waste is considered an emergency situation. The response to such an incident may have these elements:

I. Awareness and Identification
II. Evacuation
III. Notification
IV. Spill Cleanup

Personnel from the affected work area can execute the elements listed above for all minor spills. A minor spill is one which is contained on-site and does not involve contamination of air, soil, drainage, or groundwater off-site and is a spill which can be cleaned up by employees wearing simple personal protection, i.e., gloves, aprons, boots and face shields.

A major spill is a chemical release which contaminates or has the potential to contaminate air, soil, or water outside the Western Currency Facility property. It must also be a spill which involves dangerous fumes or toxic conditions and requires the use of special protective gear, such as respirators or self-contained breathing apparatus. Any major spill will require a response from outside agencies or specialized contractors.

Each of these elements are discussed in this plan.

I. AWARENESS AND IDENTIFICATION

Employees will initiate the response upon awareness of an emergency situation. A spill can be as easy to identify as the sudden, unplanned release of liquid chemicals from a tank rupture, or the presence of smoke or fumes. A spill may be subtle such as a wet area around the base of a drum. Upon awareness, an employee will follow these procedures:

A. Employee's Responsibility.

1. Warn other workers to stay clear of the spilled material.
2. Immediately report the spill to the supervisor of the area in which the spill has occurred.
3. If there is no supervisor present or if the incident occurs in a public area, the employee will assume the supervisor's responsibilities.

B. Supervisor's Responsibility (IF THE SUPERVISOR IS NOT PRESENT, THE EMPLOYEE ASSUMES THIS RESPONSIBILITY).

1. Will immediately assess the spill and decide if the spill is an emergency situation. Not all spills will be considered an emergency.

   A **minor spill** is contained on-site and does not involve contamination of air, soil, drainage or groundwater off-site, and is a spill which can be cleaned up by employees wearing simple personal protection, i.e., gloves, aprons, boots and face shields.

   A **major spill** is a chemical release which contaminates or has the potential to contaminate air, soil, or water outside the facility property. It must also be a spill which involves dangerous fumes, toxic conditions and requires the use of special protective gear, such as, respirators or self-contained breathing apparatus. Any **major spill** will require a response from outside agencies or specialized contractors.

2. If an emergency situation exists, the supervisor will;
   a. Immediately evacuate the area to the designated fire evacuation muster point.
   b. Notify the Police Operations Command Center.
   c. The supervisor immediately goes to the muster point to account for all the employees evacuated from the area.

C. Police Operations Command Center

1. Immediately notify the First Response Team by radio/telephone.

2. If directed by the First Response Team, the Police will call 911 for emergency assistance.
3. Secure the perimeter established by the First Response Team.
4. Escort outside emergency response personnel.

D. First Response Team (FRT)

The First Response Team will direct the response. The First Response Team consists of the Power Plant Stationary Engineers assisted by any contract Safety Specialists currently on site. Upon notification from the Command Center, the responsibilities of the First Response Team are:

1. Immediately assess the emergency situation.
2. Establish a perimeter and, if possible, prevent the spill from contaminating other areas. Notify the Police Command Center of location of the perimeter.
3. If outside emergency assistance is needed the First Response Team will radio or telephone the Police Operations Command Center who will call 911.
4. Identify the character, source and amount of any released materials either by observation or review of facility records or manifests.
5. Notify the Chemical Emergency Coordinator of the emergency.

E. Chemical Emergency Coordinator (CEC)

1. Obtain a description of the emergency from the First Response Team.
2. Assess possible hazards to human health or the environment that may result from the release, fire, or explosion. This assessment must consider both direct and indirect effects of the release, fire, or explosion.
3. If the CEC determines that the facility has had a release, fire, or explosion which could threaten human health, or the environment outside the facility, he/she must report the findings as follows:

a. Immediately notify the National Response Center using the 24-hour toll free number (800) 424-8802. The report must include:

(1) Name and telephone number of reporter;

(2) Name and address of facility;

(3) Time and type of incident (e.g., release, fire);

(4) Name and quantity of material involved, to the extent known;

(5) The extent of injuries, if any and

(6) The possible hazards to human health or the environment outside the facility.

b. Ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility. These measures must include, where applicable, stopping processes and operations, collecting and containing released material and removing or isolating containers.

c. If the facility stops operations in response to a fire, explosion or release, the CEC must monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

II. EVACUATION

The procedures for evacuation presented in Appendix A will be followed in all emergency situations.

III. NOTIFICATION

The Chemical Emergency Coordinator will notify all environmental agencies as required by local, state and federal regulations.

A. SANITARY SEWER SPILLS:

City of Fort Worth Water Department The City of Fort Worth will be notified immediately by the Chemical Emergency Coordinator of any accidental or slug discharge into the sanitary sewer system. A slug discharge is "any discharge of water, sewage, or industrial waste other than toxic material which in concentration of any given constituent or if quantity or flow exceeds for any period of duration longer than fifteen(15) minutes or more than five times the average twenty-four (24) hour concentration or flow during normal operations." The phone numbers for notification are:

- **Pretreatment Services Division**
  920 Fournier Street
  Fort Worth, TX 76102-3456

  Phone: 817-871-8305

- **Field Operations**
  Phone: 817-871-8300

B. SPILLS ONTO SOILS OR DRAINAGE:

State rules require the prompt notification of spills. If there is a spill of chemicals or of industrial waste water of any volume onto the soil or into a drainage that migrates off-site, then the Texas Natural Resources Conservation Commission (TNRCC) must be notified. The notification must be made immediately or no later than twenty-four (24) hours after the spill. The phone contact numbers for the TNRCC local office and the twenty-four (24) hour Emergency Response Center in Austin are:

TNRCC Region 4 Office
1101 East Arkansas Lane
Arlington, TX 76020-6499

TNRCC – Austin
Pollution Clean Division
Messenger Building D
P.O. Box 13087
Austin, TX 78711

Phone: 512-463-7727 (24-hour hotline)

If the "reportable quantity" for the spilled material is exceeded, then the EPA (as well as emergency management agencies) must be notified. Hazardous substances and reportable quantities are listed in 40 CFR 302.4. If the off-site spill exceeds these amounts, then immediately call:

Local Emergency Planning Commission for Tarrant County
1000 Throckmorton Street
Fort Worth, TX 76102-4733
817-871-6088 (working hours)

National Response Center, U.S. Coast Guard
800-424-8802

Within five (5) days of a reportable accident release, a written report must be submitted to the appropriate agency for review to prevent recurrence. The report will explain the causes of the spill and corrective actions to prevent further problems.

IV. SPILL CONTAINMENT AND CLEANUP

Spills of hazardous material in all areas without floor drains to underground emergency spill containment tanks will be contained and cleaned up with absorbents. Absorbents are available in all production areas. Large spills are unlikely because chemicals are maintained in their original factory containers or smaller compatible containers.

In the waste treatment area, an underground spill containment tank located just outside the south door of the plant can receive spilled material from the secondary containment area around the treatment tanks and from the water wipe makeup area. The contents of the spill containment tank can be pumped back into the equalization tank for treatment.

A. Waste rinsing solution: If a spill occurs in the secondary containment area under the treatment tanks in waste treatment, the spill will drain to an underground spill containment tank..

B. Water Wipe Makeup: Spills of 50% sodium hydroxide, 35% sulfonated castor oil or mixed water wipe solution will drain to the underground spill containment tank.

A spill in the sulfuric acid secondary containment area is neutralized with sodium bicarbonate. The neutralized solution is pumped into the spill containment tank.

Bulk chemicals for use in waste treatment are delivered to the pump house located at the southeast corner of waste treatment. Absorbents are kept in the pump house to contain any spills at the pump house.

C. The First Response Team will:

1. Direct cleanup of minor spills. If the spill requires an outside Decontamination/ Clean Up contractor, the team will stand by to assist the contractor.
2. Prepare a written report describing what occurred and what actions were taken.

D. The Chemical Emergency Coordinator

1. After an emergency, the emergency coordinator must provide for packaging and removal of collected waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility.
2. Ensures that no waste that may be incompatible with the released material is present until cleanup procedures are completed.
3. All emergency equipment is cleaned and available for use.

EMPLOYEE TRAINING

All Western Currency Facility employees receive Hazard Communications training through the Safety Department during the new employee training program and as a part of an ongoing Safety Training program.

Shipping/Receiving and General Stores material handling personnel receive additional training in the transportation of hazardous materials (DOT) and hazardous materials operations (HAZWOPER).

PLAN POSTING, REVIEW AND UPDATE

Copies of applicable procedures contained within this plan will be posted in the shop area for reference in the event of a spill or release.

A file copy will be maintained in the Safety and Environmental offices and Police Command Center. It is reviewed annually for updating in cases, such as, process changes, addition of new chemical materials, and employee turnover.

In the event of a plan update, a current copy will be forwarded to the City of Fort Worth Industrial Waste Section. This current plan is implemented as of May 1, 1998.

RESPONSIBILITIES OF PERSONNEL

I. The Plant Manager is responsible for ensuring that facilities are maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste to air, soil, or surface water which could threaten human health or the environment.

II. Safety and Occupational Health Specialist.

- A. Ensures that the basic provisions of this manual are disseminated to all persons employed in the facility.
- B. Ensures that appropriate personnel are trained to provide technical guidance for safely dealing with chemical emergencies.
- C. Develops or provides an Emergency Spill Control Guide for dissemination to Chemical Emergency Response Team (CERT) members.
- D. Maintains liaison with state and local emergency response teams to plan for emergency services in the event of a chemical disaster.

E. When directed by the First Response Team, reports the emergency to the Plant Manager, including the potential extent of injuries and hazards to human health or the environment outside the facility.
F. Assists the Chemical Emergency Coordinator (CEC) with the technical supervision of incidents involving releases of flammable hazardous materials.
G. Serves as the assistant CEC, providing technical expertise in situations where chemical releases may have possible hazards to human health.
H. Tests for airborne concentrations of the chemical contaminant.
I. Recommends the appropriate personal protective equipment required for use by personnel during emergency response operations.
J. Provides chemical toxicity information to the Clinic when first-aid or emergency treatment of personnel is required.
K. Ensures that any personnel exposures to hazardous substances in excess of federal limits are documented.

III. Chemical Emergency Response Team (CERT).

The CERT is comprised of the Chemical Emergency Coordinator, the First Response Team, the Chief Stationary Engineer, the Utilities Control Team and Contract Safety Specialists.

A. Chemical Emergency Coordinator (CEC). A CEC will be appointed in writing and made known to all holders of this manual. The CEC will be available or on call 24 hours per day. The responsibilities of the CEC are:

1. Reports to the site to assume technical supervision of the control and cleanup of the spill or release of hazardous materials and to contact other members of the Chemical Emergency Response Team as required.
2. Monitors and is familiar with all aspects of the Emergency Contingency Manual, all operations and activities of the facility, the facility layout and the location and characteristics of all hazardous chemicals handled.
3. Maintains all records required by this manual.
4. During an actual emergency, the CEC should take all reasonable measures necessary to ensure that chemical releases do not spread or recur in other areas of the facility.
5. Immediately following the emergency, the CEC will provide for the treatment, storage and disposal of any recovered materials, including contaminated soil or surface water, and other waste materials generated from a fire, explosion or chemical release.
6. Ensures that all equipment utilized during a chemical emergency is cleaned and restored to its original condition prior to the resumption of normal activities. This will include replenishing any supplies that may have been used from the emergency "Spill Karts".

7. If any or all parts of this plan fail, the CEC should evaluate why the plan was ineffective, and provide a corrective written addendum to be a permanent part of the Emergency Contingency Manual.

B. First Response Team (FRT). The First Response Team is comprised of the Power Plant Stationary Engineers assisted by any Contract Safety Specialists currently on site. The duties of the First Response Team are:

1. After notification by the Command Center of a reported spill, obtain necessary personal protective equipment and report to spill location. Assess the size of the spill, determine if outside help needs to be called in and notify Command Center of perimeter to be established.
2. Contain the spill, if at all possible, to prevent further spread of material into other parts of the facility.
3. Have the Contract Safety Specialist contact the CEC and give an assessment of the situation.
4. If possible, begin cleanup operations. If the spill is of a large quantity requiring an outside Decontamination/Clean Up Contractor, stand by to assist the Contractor, if needed.
5. Provide the CEC with a written, after-the-fact report describing what happened and what actions were taken.

C. Chief Stationary Engineer. The BEP's Chief Stationary Engineer is responsible for controlling building utilities during an emergency. Production equipment, such as presses, examining machines and COPEs, shall be controlled by the respective operators. The Chief Stationary Engineer serves as head of the Utilities Control Team and performs the following duties:

1. Establishes a plan to monitor mechnical devices, such as ventilation systems, water, gas and steam valves, power switches, etc., during emergencies.
2. Dispatches individuals or teams to prearranged control points for preplanned or directed action.

D. Utilities Control Team (UCT). The on-site building Operations and Maintenance Contractor personnel shall comprise the UCT. Under the direction of the BEP's Chief Stationary Engineer, the UCT will be responsible for controlling utilities during an emergency. The team shall report to pre-designated locations.

E. Contract Safety Specialist: The Contract Safety Specialist shall respond to the notification from the Command Center to the First Response Team that there is a spill. The Contract Safety Specialist shall:

1. Assist the FRT in assessing and confining the spill. As soon as practical, notifies the CEC of the situation and relays any instructions from the CEC to the FRT.
2. Ensure that the FRT and/or Decontamination/Clean Up Contractor is equipped with the proper personal protective clothing, supplies and equipment necessary to contain and clean up the spill or other waste materials prior to the resumption of normal operations.

F. Medical Clinic Staff (MCS). The Medical Clinic Staff is responsible for training and equipping all personnel assigned to perform medical or first-aid services in an emergency, and for supervising emergency first-aid or medical self-help emergency operations within the building during an emergency. MCS duties include:

1. Selects a first-aid or medical treatment staging area during an emergency that involves a number of injuries.
2. Directs first-aid operations and controls access to medical supplies, as required, to assure their proper use, conservation, and availability for emergency use.
3. Ensures personal protective equipment is provided for Clinic Staff.
4. Maintains liaison with Forth Worth area hospital emergency rooms and ambulance/flight transportation to coordinate emergency services as required.

G. Facilities Police. Police personnel are responsible for maintaining security during clean-up operations. Their duties include:

1. Notify the First Response Team when a chemical emergency is reported.
2. Control the perimeter established by the First Response Team.
3. If requested by the First Response Team, call 911 to report the emergency.
4. Notify roster officials to be contacted in the event of an emergency of the nature and location.
5. Assign police officers to exterior exits to perform the necessary security checks required in the event of evacuation.
6. In the event a total building evacuation becomes necessary, they shall man the Secondary Command Center, located in the Main Gate Office.

May 3, 1999

VIA FACSIMILE

Ms. Charlene Williams
Plant Manager
U.S. Department of the Treasury
Bureau of Engraving and Printing
Western Currency Facility
9000 Blue Mound Road
Fort Worth, TX 76131

Re: Bureau of Engraving and Printing; EPA I.D. Number TX1200939626
Fact Meeting - May 10, 1999

Dear Ms. Williams:

Reference is being made to our conversation of April 27, 1999, regarding a fact meeting to be held on May 10, 1999, at 1:30 p.m. in the Environmental Protection Agency (EPA) Region 6, Dallas Office.

On or about June 8-10 1998, EPA conducted a Resource Conservation and Recovery Act (RCRA) Compliance Evaluation Inspection at your facility. Upon review of EPA's inspection report, the following alleged violations of RCRA were discovered, as set forth below:

(1) 40 CFR §60.262.34 (a)(1)(i) - Subpart C - The facility failed to comply with Subpart I of 40CFR part 265 as required in the Subpart.

(a) §265.171- Facility failed to maintain waste in a container in good condition.

(b) §265.173 - Facility failed to keep drum closed during storage, except when it is necessary to add or remove waste.

(c) §265.174 - Facility failed to inspect areas where containers are stored, at least weekly, looking for leaks and for deterioration caused by corrosion or other factors.

(2) 40 CFR §60.262.34 (a)(2) - Failure to clearly and visible mark for inspection on each container the date upon which each period of accumulation begins.

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Sincerely Ruiz Acting
6EN-HT

(3) 40 CFR § 60.262.34 (a)(3) - Failure to label or mark clearly with the words "Hazardous Waste".

(4) 40 CFR § 60.262.34(a)(4) - The facility failed to comply with Subparts C and D in 40 CFR Part 265, and with §265.16.

(a) § 265.16 - Failure to comply with the Personnel Training Requirements of this Subpart.

(b) §265.35, Subpart C - Facility failed to maintain adequate aisle space to allow unobstructed movement of personnel.

(c) §265.54, Subpart D - Facility failed to amend the contingency plan as necessary.

(5) 40 CFR § 262. 34 (C)(1) - Facility failed to comply with the 55 gallons requirement by failing to accumulate hazardous waste in containers **at or near the point of generation** where wastes initially accumulate, which is under the control of the operator of the process generating the waste, without a permit or interim status.

Therefore, BEP did not meet the exemption requirements of 30 TAC § 335.69 [40 CFR 262.34] in the drum storage area and satellite accumulation areas by: failing to keep containers closed during storage; failing to conduct inspections at least weekly; failing to date containers in the Drum Storage/satellite Area with the accumulation start date; failing to label the containers in the Drum Storage/satellite Area with the words "hazardous waste"; failing to have personnel training related to hazardous waste management; failing to maintain the required personnel documents and records related to hazardous waste management; failing to maintain adequate aisle space; failing to amend the contingency plan as necessary; and failing to accumulate hazardous waste in containers at or near the point of generation where wastes initially accumulate.

The purpose of the meeting is to provide you with an opportunity to explain your position regarding the above potential violations and to inform you of EPA's options to resolve these areas of concern.

If you have any questions regarding this matter, please call me at (214) 665-7292. The assigned attorney is Amie Richardson. She can be contacted at (214) 665-2713.

Sincerely,

Agatha Benjamin, P.E.
Environmental Engineer
Texas Section

DEPARTMENT OF THE TREASURY
BUREAU OF ENGRAVING AND PRINTING
FORT WORTH, TEXAS 76131

January 22, 1998

Waste Evaluation Section/MC-129
Texas Natural Resources Conservation Commission
12100 Park 35 Circle
Austin, Texas 78753

The Bureau of Engraving and Printing's Annual Waste Summary for the Western Currency Facility at 9000 Blue Mound Road, Fort Worth, Texas is enclosed.

If you have any questions concerning these reports, please direct them to Colleen McKinney at (817) 847-3820.

Sincerely,

D. Leon Griffin, Manager
Technical Support Division

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G 1 (6) Report for: 19 97 (8)

FOR DATA YEAR: 1997

[ ] (22) NO REPORT REQUIRED {See 30 TAC 335.9(a)(3); also see instructions}

Your EPA ID # TX120093962-1 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

[X] ORIGINAL SUMMARY [ ] REVISED SUMMARY [ ] SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0002209H	D001				Waste oil from equipment maintenance in the printing pr	1640 0	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
15700	P	M061		Z0047	TND000614321	
700	P	M141		001		
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0003203H	D001				Spent solvent from press roll cleaning and spill collec	7300	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
6700	P	M061		Z0047	TND000614321	
600	P	M141		001		
		M				
		M				

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney — Preparer (PRINT NAME)
Colleen McKinney — Signature of Preparer
1-15-98 — Date

D. Leon Griffin — Authorized Agent (PRINT NAME)
D. Leon Griffin — Signature of Authorized Agent
1-22-98 — Date

LPS Form TNRCC - 0436-A (Rev. 10-10-97)

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FOR DATA YEAR: 1997

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Your EPA ID # TX120093962 1 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

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0004110H	D002				Corrosive liquid from printing rinse collection pit in	8600	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
4200	P	M121		Z0047	TND000614321	
4400	P	M141		001		
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0005319H	D007	D008			Sludge from electroplating waste liquid treatment syste	6700	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
5900	P	M111		Z0047	TND000614321	
800	P	M141		001		
		M				
		M				

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ANNUAL WASTE SUMMARY

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FOR DATA YEAR: 1997

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Your EPA ID # (10): T X 1 2 0 0 9 3 9 6 2 1

Leon Griffin
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0008003H	D002				Lab pack. Small containers of commercial chemicals from	600	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
600	P	M132		Z0047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0009119H	D007	D008			Plating liquid waste from nickel and chrome plating of	15000	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
15000	P	M111		Z0047	TND000614321	
		M				
		M				
		M				

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WASTE EVALUATION SECTION
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Department of the Treasury
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ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G1 (6) Report for: 19 97 (8)

☐ (22) NO REPORT REQUIRED {See 30 TAC 335.9(a)(3); also see Instructions}

Your EPA ID # TX120093962 1 (10)

SUMMARY STATUS: [X] ORIGINAL SUMMARY ☐ REVISED SUMMARY ☐ SUPPLEMENTAL SUMMARY

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0010301H	D001				Spill cleanup of oils/solvents. Oils/solvents are used	450	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
450	P	M132		Z0047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0011309H	D009				Waste mercury devices. Lamps, switches, instruments. To	1500	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
1350	P	M019		Z0047	TND000614321	
150	P	M141		001		
		M				
		M				

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Colleen McKinney
Preparer (PRINT NAME)

Colleen McKinney
Signature of Preparer

1-15-98
Date

D. Leon Griffin
Authorized Agent (PRINT NAME)

D. Leon Griffin
Signature of Authorized Agent

1-14-98
Date

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AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1–6) G1 Report for: 19 97 (7–8)

FOR DATA YEAR: 1997

[ ] (22) NO REPORT REQUIRED {See 30 TAC 335.9(a)(3); also see instructions}

Your EPA ID # TX1200939621 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

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0012103H					Depleted nickel baths from the electroplating area. Haz		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
00133101	D001				Waste carbon cartridges enclosed in metal casings. Moun	1000	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
1000		M049		Z0047	TND000614321	
		M				
		M				
		M				

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Colleen McKinney — Preparer (PRINT NAME)
Signature of Preparer — 1-15-98 — Date

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Signature of Authorized Agent — 1-22-98 — Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
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P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G1 (6) Report for: 19 97 (8)

FOR DATA YEAR: 1997

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Your EPA ID # TX120093962 1 (10)

SUMMARY STATUS

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Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
00163101					Debris - rags, absorbents, spill pigs, sponges, pads fr		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
00171041					Waste hydrochloric acid from the chemical cleaning of p		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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Your EPA ID # T X 1 2 0 0 9 3 9 6 2 1 (10)

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00143071					Waste nickel solids. Nickel plated printing plates are		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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00153101					Drained oil filters from equipment and vessel maintenan	800	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
800	P	M132		Z0047	TND000614321	
		M				
		M				
		M				

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ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G 1 (6) Report for: 19 97 (8)

FOR DATA YEAR: 1997

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Your EPA ID # TX1200939621 (10)

SUMMARY STATUS

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0018110H	D002				Waste printing rinse from bottom of waste treatment tan	350	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
350	P	M121		Z0047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0019119H	D007	D002			De-chrome waste from the stripping of chromium from pri	1000	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
1000	P	M111		Z0047	TND000614321	
		M				
		M				
		M				

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0020103H	D007	D002	D008		Depleted chromic acid bath from chromium plating of cur	1800	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
1800	P	M111		Z0047	TND000614321	
		M				
		M				
		M				

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0021110H					Untreated printing rinse disposed in tankwagons during		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
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SUMMARY STATUS

[X] ORIGINAL SUMMARY [ ] REVISED SUMMARY [ ] SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0022309H	D002	D008			Depleted wet lead acid batteries from plant use. Hazard	950	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
650	P	M121		Z0047	TND000614321	
300	P	M141		001		
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
00233091					Depleted dry alkaline batteries from plant use. Non-haz	940	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
940	P	M132		Z0047	TND000614321	
		M				
		M				
		M				

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney — Preparer (PRINT NAME)
Colleen McKinney — Signature of Preparer
1-15-98 — Date

D. Leon Griffin — Authorized Agent (PRINT NAME)
D. Leon Griffin — Signature of Authorized Agent
1-22-98 — Date

LPS Form TNRCC - 0436-A (Rev. 10-10-97)

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G 1 (6) Report for: 19 97 (8)

FOR DATA YEAR: 1997

☐ (22) NO REPORT REQUIRED {See 30 TAC 335.9(a)(3); also see instructions}

Your EPA ID # (10): T X 1 2 0 0 9 3 9 6 2 1

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

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0024309H					Depleted mercury containing batteries from plant use. H		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0025309H					Depleted nickel-cadmium batteries from plant use. Hazar		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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FOR DATA YEAR: 1997

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0026309H					Depleted and drained lead acid batteries from plant use		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0027309H					Spill cleanup from sulfuric acid spills from battery ch		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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WASTE EVALUATION SECTION
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ANNUAL WASTE SUMMARY

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FOR DATA YEAR: 1997

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Your EPA ID # TX1200939612 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

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00283101					Spent resin from plant equipment. Non-hazardous; 1992		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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00292961					Replacement of ethylene glycol based antifreeze in proc		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

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1-15-98 — Date

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D. Leon Griffin — Signature of Authorized Agent
1-21-98 — Date

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
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ANNUAL WASTE SUMMARY

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FOR DATA YEAR: 1997

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Your EPA ID # T X 1 2 0 9 3 9 6 2 1 (10)

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0030307H					Anodes from electroplating bath lead/antimony waste sol		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0031310H	D007	D001	D002		Spent adsorbents - socks, solids, rags, debris from pro	15225	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
13925	P	M132		Z0047	TND000614321	
1300	P	M141		001		
		M				
		M				

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WASTE EVALUATION SECTION
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ANNUAL WASTE SUMMARY

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FOR DATA YEAR: 1997

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Your EPA ID # TX 1 2 0 0 9 3 9 6 2 1 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

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00323081 (23)	(31)	(35)	(39)	(43)	"RCRA" empty steel/plastic containers for disposal.	(47)	(56)

QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0033404H (23)	(31)	(35)	(39)	(43)	Waste spent carbon from liquid effluent polishing opera	(47)	(56)

QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)
(57)	(66)	M (67)	(70)	(71)	(76)	(88)

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1-15-98 — Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1–6) G1 (7–8) Report for: 19 97

FOR DATA YEAR: 1997

☐ (22) NO REPORT REQUIRED {See 30 TAC 335.9(a)(3); also see instructions}

Your EPA ID # TX120093962 1 (10)

Leon Griffin
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

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0034001H					Discarded commercial chemical containing, 1-1-1 trichlo		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
0037388H	D009				Waste crushed fluorescent bulbs - mercury containing de	950	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
350	P	M019		Z0047	TND000614321	
600	P	M141		001		
		M				
		M				

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-0038103H					10% Sulfuric acid cleanout of electroplating vent scrub		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
-0039307H					Lead, solid lead waste, lead solder		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
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WASTE EVALUATION SECTION
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ANNUAL WASTE SUMMARY

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FOR DATA YEAR: 1997

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Your EPA ID # TX1209396211 (10)

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00403191					Waste sludge from coagulation and flocculation of press	3391540	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
3379300	P	M132		Z0040		OKLAHOMA CITY LANDFILL
12240	P	M141		003		
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)
00414091					Waste intaglio ink from printing presses producting U.S	204300	P

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
202319	P	M132		Z0040		OKLAHOMA CITY LANDFILL
1981	P	M141		001		
		M				
		M				

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ANNUAL WASTE SUMMARY

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Your EPA ID # TX1200939621 (10)

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00423 10H					Waste carbon cartridges enclosed in metal casings. Moun		

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED (47)	UNITS (56)

QUANTITY HANDLED (57)	UNITS (66)	SYSTEM TYPE CODE (67)	FEE (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
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1-15-98 — Date

D. Leon Griffin — Authorized Agent (PRINT NAME)
Signature of Authorized Agent
1-21-98 — Date

LPS Form TNRCC - 0436-A (Rev. 10-10-97)

DEPARTMENT OF THE TREASURY
BUREAU OF ENGRAVING AND PRINTING
FORT WORTH, TEXAS 76131

January 7, 1997

Joy McGee, Leader
Texas Natural Resource Conservation Commission
Waste Report Audit Team
Industrial and Hazardous Waste Division
P.O. Box 13087
Austin, TX 78711-3087

Dear Miss McGee:

In accordance with 30 Texas Administrative Code 335.9(a)(2), the Bureau of Engraving and Printing is enclosing the Annual Waste Summary Report for 1996.

Questions concerning the report may be addressed to Harold Covert at 817-847-3845.

Sincerely,

D. Leon Griffin
Manager
Facilities Support Division

Enclosures

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G 1 | Report for: 19 96

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TXI200939626

☐ NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0002209H	D001				WASTE OIL EQUIPMENT MAINTENANCE	6000	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
4000	P	M061		20647	TND000614321	
2000	P	M141		001		
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0003203H	D001				SPENT SOLVENT PRESS ROLL CLEANING	20718	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
20718	P	M061		20647	TND000614321	
		M				
		M				
		M				

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

HAROLD COVERT — Preparer (PRINT NAME) — [signature] Signature of Preparer — 1-6-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — [signature] Signature of Authorized Agent — 1-7-97 Date

① Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
☒ ORIGINAL SUMMARY
☐ REVISED SUMMARY
☐ SUPPLEMENTAL SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) | G 1 (6) | Report for: 19 96 (8)

Your EPA ID # TX1200939626 (10)

Page 2 of 19

☐ (22) NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	Description	TOTAL QUANTITY GENERATED (47)	UNITS * (56)
10041104	D002				Corrosive Liquid Printing Press ..TS	8500	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
8500	P	M121		Z6047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	Description	TOTAL QUANTITY GENERATED (47)	UNITS * (56)
60053194	D007				Sludge Electroplating Waste Treatment	12950	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
12950	P	M111		Z6047	TND000614321	
		M				
		M				
		M				

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WASTE EVALUATION SECTION
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TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
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AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 G1 Report for: 19 96

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TXL200239626

Page 3 of 19

[X] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0008003H	D001	D002			LAB PACK - SMALL CYLINDERS [illegible]	80	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
80	P	M132		20047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
~~0009119H~~					~~WASTE PLATING LIQUID [illegible] PLATING~~	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

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Signature of Authorized Agent
Date

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WASTE EVALUATION SECTION
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FOR DATA YEAR: 1996

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SUMMARY STATUS
- [x] ORIGINAL SUMMARY
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Your EPA ID # TX1200939626

Page 4 of 19

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TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0010304H					SPILL CLEANUP [illegible]	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0011309H	D009				WASTE MERCURY DEVICES	1750	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
1250	P	M019		20047	TND000614321	
500	P	M141		001		
		M				
		M				

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LEON GRIFFIN Authorized Agent (PRINT NAME)	Signature of Authorized Agent	1-7-97 Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G 1 | Report for: 19 96

Your EPA ID #: TX1200939626

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- ☒ ORIGINAL SUMMARY
- ☐ REVISED SUMMARY
- ☐ SUPPLEMENTAL SUMMARY

☑ NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0012103H	D007				Depleted Ni Bath Electroplating	3500	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
3500	P	M///		Z0047	TND006461432	
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
~~0013310H~~	~~D001~~				~~Waste Carbon Cartridges~~	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) | [signature] Signature of Preparer | 1-6-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) | [signature] Signature of Authorized Agent | 1-7-97 Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G1 (6) Report for: 19 96 (8)

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TXL2000396276 (10)

Page 6 of 17

[X] (22) NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0A1A30ZA					WASTE NICKEL SLUDGE	0	

QUANTITY HANDLED (57)	UNITS * (68)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0A1531U1					DRIED OIL FILTERS	500	P

QUANTITY HANDLED (57)	UNITS * (68)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
0		M				
500	P	M 132		Z0047	TXD066164321	
		M				
		M				

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY (1)

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G 1 | Report for: 19 96

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TX1200939626

Page 7 of 19

[X] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE (1)	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
00163101					DEBRIS-RAGS, ABSORBENTS, ALGS, ???	2750	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
1750	P	M129		20047	TXD000614321	
1000	P	M141		001		
		M				
		M				

TEXAS WASTE CODE (1)	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
001T1044					WASTE HYDROCHLORIC ACID	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) | [signature] Signature of Preparer | 1-6-97 Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G1 (6) Report for: 19 96 (8)

Your EPA ID # TXL2009396 26 (10)

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3587

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TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
001,810H	D002				WASTE PAINTING WASTE	.500	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
0		M				
.500	P	M111		001		
		M				
		M				

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (58)
001,811H	D007	D002			DEPAINTING WASTE	.500	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
.500	P	M111		20047	TX000067532	
		M				
		M				
		M				

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ANNUAL WASTE SUMMARY ①

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SUMMARY STATUS
- [x] ORIGINAL SUMMARY
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Your EPA ID # TX1200939626

Page 9 of 19

[x] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0020103H	D007	D002			Waste Chromic Acid Bath	16500	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
16500	P	M111		20047	TND000614321	
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
~~0021110H~~					Waste Printing Rinse [illegible]	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

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ANNUAL WASTE SUMMARY (1)

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TEXAS WASTE CODE (1)	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
00223094	D002	D008			WASTE WET LEAD ACID BATTERIES	5350	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
4850	P	M121		Z0047	TN0006614321	
500	P	M141		001		
		M				
		M				

TEXAS WASTE CODE (1)	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
00233091					WASTE DRY ALKALINE BATTERIES	1325	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
1325	P	M132		Z0047	TN0006614321	
		M				
		M				
		M				

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** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6632

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1–6) G 1 (7–8) Report for: 19 96

Your EPA ID # TXL2009396226 (10)

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

[ ] 22 NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.		TOTAL QUANTITY GENERATED	UNITS *
0024309H (23)	(31)	(35)	(39)	(43)	WASTE MERCURY BATTERIES	0 (47)	(56)

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.		TOTAL QUANTITY GENERATED	UNITS *
0025309H (23)	(31)	(35)	(39)	(43)	WASTE MERCURY CONTAINING LIGHTS	0 (47)	(56)

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)
(57)	(66)	M (67)	(70)	(71)	(76)	(88–117)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

HAROLD COVERT — Preparer (PRINT NAME) — Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — Signature of Authorized Agent — 1-7-97 Date

① Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G 1 (8) Report for: 19 96 (8)

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TXL2009376 26 (10)

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

[X] (22) NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0026302A					WASTE DRAIN CLEANING SUPPLIES	0	

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0027308H	D002				WASTE SULFURIC ACID BATTERY ELECTROLYTE	1600	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
1600	P	M12		20047	TND000614321	
		M				
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) — Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — Signature of Authorized Agent — 1-7-97 Date

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* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY (1)

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) G 1 (6) Report for: 19 96 (8)

Your EPA ID # TXL2009396 26 (10)

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

[✓] (22) NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE (1) (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
00283/60A					WASTE SPENT RESIN	0	

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE (1) (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)		TOTAL QUANTITY GENERATED (47)	UNITS * (56)
00292961					WASTE UNFREEZE SOLN	3000	P

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88)
3000	P	M 02A		20047	TXD000661321	
		M				
		M				
		M				

I certify under penality of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

HAROLD COVERT — Preparer (PRINT NAME) — Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — Signature of Authorized Agent — 1-7-97 Date

(1) Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G1 | Report for: 19 96

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TX1200939626

Page 14 of 19

[X] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0030 70TH					WASTE LEAD/ANTIMONY [illegible]	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
0031310H	D007	D001	D002		WASTE ABSORBENTS, SOCKS, RAGS, DEBRIS	3910	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
3500	P	M132		T0647	TND000614321	
410	P	M141		001		
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) — [signature] Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — [signature] Signature of Authorized Agent — 1-7-97 Date

① Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY (1)

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1–6) G 1 (7–8) Report for: 19 96 (9–10)

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Your EPA ID # TXL2009396 26 (11–22)

[ ] 22 NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE (1) (23–30)	EPA HAZARDOUS WASTE NO. (31–34)	EPA HAZARDOUS WASTE NO. (35–38)	EPA HAZARDOUS WASTE NO. (39–42)	EPA HAZARDOUS WASTE NO. (43–46)	TOTAL QUANTITY GENERATED (47–55)	UNITS * (56)
00323081					270	P

QUANTITY HANDLED (57–65)	UNITS * (66)	SYSTEM TYPE CODE (67–69)	FEE ** (70)	FACILITY NUMBER (71–75)	RECEIVER'S EPA ID # (76–87)	COMMENTS (88–117)
270	P	M137		E047	TXD000614321	
		M				
		M				
		M				

TEXAS WASTE CODE (1) (23–30)	EPA HAZARDOUS WASTE NO. (31–34)	EPA HAZARDOUS WASTE NO. (35–38)	EPA HAZARDOUS WASTE NO. (39–42)	EPA HAZARDOUS WASTE NO. (43–46)	TOTAL QUANTITY GENERATED (47–55)	UNITS * (56)
00323081					0	

QUANTITY HANDLED (57–65)	UNITS * (66)	SYSTEM TYPE CODE (67–69)	FEE ** (70)	FACILITY NUMBER (71–75)	RECEIVER'S EPA ID # (76–87)	COMMENTS (88–117)
		M				
		M				
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) — Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — Signature of Authorized Agent — 1-7-97 Date

(1) Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G 1 | Report for: 19 96

Your EPA ID # TX1200839626

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

Page 16 of 19

[✓] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
~~60344494~~					WASTE COMMERCIAL [illegible]	C	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
30373884	D009				WASTE CRUSHED FLUORESCENT BULBS	800	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
800	P	M019		Z0047	TND000614321	
		M				
		M				
		M				

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HAROLD COVERT	[signature]	1-7-97
Preparer (PRINT NAME)	Signature of Preparer	Date
LEON GRIFFIN	[signature]	1-7-97
Authorized Agent (PRINT NAME)	Signature of Authorized Agent	Date

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WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087 TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 (1) | G 1 (6) | Report for: 19 96 (8)

Your EPA ID #: TXL200839626 (10)

Page 17 of 19

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [x] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

[x] NO REPORT REQUIRED (22) {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	Description	TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0038163H					WASTE [illegible] ACID/[illegible]	0	

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ① (23)	EPA HAZARDOUS WASTE NO. (31)	EPA HAZARDOUS WASTE NO. (35)	EPA HAZARDOUS WASTE NO. (39)	EPA HAZARDOUS WASTE NO. (43)	Description	TOTAL QUANTITY GENERATED (47)	UNITS * (56)
0039367H					WASTE LEAD SOLIDS, [illegible]	0	

QUANTITY HANDLED (57)	UNITS * (66)	SYSTEM TYPE CODE (67)	FEE ** (70)	FACILITY NUMBER (71)	RECEIVER'S EPA ID # (76)	COMMENTS (88–117)
		M				
		M				
		M				
		M				

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HAROLD COVERT — Preparer (PRINT NAME) | [signature] Signature of Preparer | 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) | [signature] Signature of Authorized Agent | 1-7-97 Date

① Waste generated in state only - does not include maquiladora & foreign waste
* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,
** See instructions re: Exemptions from hazardous waste generation Fee

WASTE EVALUATION SECTION
MC 129
INDUSTRIAL AND HAZARDOUS WASTE DIVISION
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
☒ ORIGINAL SUMMARY
☐ REVISED SUMMARY
☐ SUPPLEMENTAL SUMMARY

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G1 | Report for: 19 96

Your EPA ID # TX1200939626

☐ NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
00403191					WASTE TREATMENT PLANT SLUDGE	398270	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
398480	P	M132		Z0047	TXD000614321	
216880	P	M132		Z0040	OKLAHOMA CITY	LANDFILL
58460	P	M141		001		
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	Description	TOTAL QUANTITY GENERATED	UNITS *
00414091					WASTE INK RESIDUES	44524	P

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
36224	P	M132		Z0047	TXD000614321	
76000	P	M132		Z0040	OKLAHOMA CITY	LANDFILL
12000	P	M132		001		
		M				

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HAROLD COVERT — Preparer (PRINT NAME) — [signature] Signature of Preparer — 1-7-97 Date

LEON GRIFFIN — Authorized Agent (PRINT NAME) — [signature] Signature of Authorized Agent — 1-7-97 Date

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* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

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WASTE EVALUATION SECTION
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P.O. BOX 13087
AUSTIN, TEXAS 78711-3087
TELEPHONE: (512) 239-6832

ANNUAL WASTE SUMMARY ①

FOR DATA YEAR: 1996

Your SOLID WASTE REGISTRATION NUMBER: 38907 | G 1 | Report for: 19 96

Your EPA ID # TX1200939626

LEON GRIFFIN
Department of the Treasury
9000 Blue Mound Road
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS
- [X] ORIGINAL SUMMARY
- [ ] REVISED SUMMARY
- [ ] SUPPLEMENTAL SUMMARY

[X] NO REPORT REQUIRED {See 30 TAC 335.9 (a)(3); also see instructions}

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.		TOTAL QUANTITY GENERATED	UNITS *
00423104					WASTE CARBON CARTRIDGES	0	

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

TEXAS WASTE CODE ①	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.		TOTAL QUANTITY GENERATED	UNITS *

QUANTITY HANDLED	UNITS *	SYSTEM TYPE CODE	FEE **	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS
		M				
		M				
		M				
		M				

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HAROLD COVERT	[signature]	1-7-97
Preparer (PRINT NAME)	Signature of Preparer	Date
LEON GRIFFIN	[signature]	1-7-97
Authorized Agent (PRINT NAME)	Signature of Authorized Agent	Date

① Waste generated in state only - does not include maquiladora & foreign waste

* Enter one letter: P = pounds, T = tons (2000 lb), K = kilograms,

** See instructions re: Exemptions from hazardous waste generation Fee

C

Fri 10-25-01

IHW 38907 CO

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

TELEPHONE MEMO TO THE FILE

Please complete with typewriter or black pen.

Call to: TNRCC

Call from: Frank Green

Date of call: 10-25-01

File no.: 38907

Phone no.: (817) 847-3673

Subject: Dept of the Treasury

Changes to NOR

TX120093626

Information for file: Owner Operator address:

9000 Blue Mound Rd Ft Worth TX 76131-3304

Phone # OK

1-28-02

Tarrant Adm 2

Signed Sylvia Carter UH 10/30

7995 SC

313462 v.2

EPA

ACKNOWLEDGEMENT OF NOTIFICATION OF REGULATED WASTE ACTIVITY

(VERIFICATION)

This is to acknowledge that you have filed a Notification of Regulated Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act *(RCRA)*. Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Biennial Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

TX1200939626 06/01/99

US TR DEPT BUREAU OF ENGRAVING & PRNTG
9000 BLUE MOUND RD
FORT WORTH , TX 76131
ROBERT HOBBS MGR FAC MAINTE

INSTALLATION ADDRESS

9000 BLUE MOUND RD
FORT WORTH ,TX 76131

EPA Form 8700-12A (1/98)

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 10/31/99
GSA No. 0246-EPA-OT

Please refer to Section V. Line-by-Line Instructions for Completing EPA Form 8700-12 before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

Notification of Regulated Waste Activity

EPA United States Environmental Protection Agency

RECEIVED MAY 4 1999 TNRCC INDUSTRIAL & HW DIVISION

Date Received (For Official Use Only): MAY 19 99

5-24-9
5/12/9
CW

I. Installation's EPA ID Number *(Mark 'X' in the appropriate box)*

A. Initial Notification [ ]
B. Subsequent Notification (complete item C) [X]
C. Installation's EPA ID Number: T X 1 2 0 0 9 3 9 6 2 6

II. Name of Installation *(Include company and specific site name)*

BUREAU OF ENGRAVING & PRINTING

III. Location of Installation *(Physical address not P.O. Box or Route Number)*

Street: 9000 BLUE MOUND ROAD

Street *(Continued)*:

City or Town: FORT WORTH | State: TX | Zip Code: 76131 –

County Code: | County Name: TARRANT

IV. Installation Mailing Address *(See Instructions)*

Street or P.O. Box:

City or Town: | State: | Zip Code: –

V. Installation Contact *(Person to be contacted regarding waste activities at site)*

Name *(Last)*: HOBBS | *(First)*: ROBERT

Job Title: MGR FAC MAINTEN | Phone Number *(Area Code and Number)*: 817–847–3936

VI. Installation Contact Address *(See Instructions)*

A. Contact Address: Location [X] Mailing [ ]
B. Street or P.O. Box:

City or Town: | State: | Zip Code: –

VII. Ownership *(See Instructions)*

A. Name of Installation's Legal Owner: BUREAU OF ENGRAVING & PRINTING

Street, P.O. Box, or Route Number: 14TH & C STREET SW RM 434A

City or Town: WASHINGTON | State: DC | Zip Code: 20228 –

Phone Number *(Area Code and Number)*: 202–874–2075

B. Land Type: F

C. Owner Type:

D. Change of Owner Indicator: Yes [ ] No [X]

(Date Changed) Month: Day: Year:

Please print or type with ELITE type (12 chara s per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 10/31/99
GSA No. 0246-EPA-OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to Instructions)*

A. Hazardous Waste Activity

1. Generator (See Instructions)
   - [X] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220-2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

Mode of Transportation
- [ ] 1. Air
- [ ] 2. Rail
- [ ] 3. Highway
- [ ] 4. Water
- [ ] *5. Other - specify*

3. [ ] Treater, Storer, Disposer (at installation) Note: A permit is required for this activity, see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption

   Indicate Type of Combustion Device(s)
   - [ ] 1. Utility Boiler
   - [ ] 2. Industrial Boiler
   - [ ] 3. Industrial Furnace
5. [ ] Underground Injection Control

B. Used Oil Recycling Activities

1. Used Oil Recycling Marketer
   - [ ] a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
   - [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device
   - [ ] a. Utility Boiler
   - [ ] b. Industrial Boiler
   - [ ] c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Combustion Device(s)
   - a. Transporter
   - b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Process
   - [ ] b. Re-refine

IX. Description of Regulated Wastes *(Use additional sheets if necessary)*

A. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
X	X		X	D007 D008 D009

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See Instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
F006					
7	8	9	10	11	12

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See Instructions.)*

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
Robert J. Hobbs	Robert J. Hobbs Manager, Facilities Management Branch	4/28/99

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*